

Remarks:

Reconsideration of the amended claims is respectfully requested. Claims 1-27 are pending. Claims 1-8, 10-18, 20-23 and 25-27 stand rejected under 35 USC 102(e) over U.S. Patent No. 6,633,910, of Rajan et al. (Rajan). Claims 9, 19 and 24 stand rejected under 35 USC 103(a) over Rajan in view of U.S. Patent No. 6,681,252 of Schuster et al. (Schuster). Claims 11-27, although it is not specifically stated in the office action, are generally rejected under the rationale given for the other claims. Claims 1-3, 8, 9, 11-14, 18, 19 and 22-25 have been amended. New claims 28-30 have been added.

Generally, the invention is directed to a system and method for communicating between a PDA and a computer interface, providing a simplified data packet protocol to free the PDA from processing complex data packets having multiple and cumbersome headers associated with the transmitted packets. The method includes receiving a data packet from a PDA that has a single header according to its configuration under a first format. This data packet is received by the communication interface. The data packet received includes a single data identification (ID) header and associated data. This data packet is re-configured under a second format by the communication interface to produce a data packet that includes a multiple headers. These multiple headers are typically used in TCP/IP/PPP protocols in normal network communications, including Internet communications. The multiple headers are required for transmitting the re-configured data packet to a destination device.

Rejections under 35 USC 102(e)

Claims 1-8, 10-18, 20-23 and 25-27 stand rejected under 35 USC 102(e) over U.S. Patent No. 6,633,910, of Rajan et al. (Rajan). Rajan generally discloses a method for monitoring and transmitting updates of web-based data synchronization services. Rajan does not disclose specifically the limitations to the newly amended claims, in particular the limitations discussed below.

The claims have been amended to include the inventive concept of converting between the multiple header format and the single header format. This functionality allows for communication with the PDA without the cumbersome headers required by modern protocols, such as the TCP/IP/PPP protocols. The simplified headers sent to and from the PDA or similar device lightens the processing load on the PDA in both sending and receiving information. In

practice, a PDA configured according to the invention would be restricted to communicating with devices, such as interfaces, that are properly configured to receive such data packets, as well as possibly other PDAs. However, processing in the PDA would be much reduced, not having to process data packets with large and multiple headers. Claims 1-3, 8, 10 (Claim 10 being
 5 dependent on Claim 8), 11-14, 18, 19, 20(Claim 20 being dependent on Claim 18), 22-25, and 26-27 (both being dependent on Claim 25) have been amended. These claims include new limitations regarding the data packets that have been reduced in size and complexity, including for example, Claim 1 as follows:

1. (Amended) For use in a communication interface for
 10 communication between a personal data assistant (PDA) and the communication interface, the communication interface being configured to communicate with other devices via the internet and being further configured to facilitate data communication between the PDA and other devices, a computer readable medium
 15 having stored thereon a plurality of sequences of instructions, said sequences of instructions including instructions that, when executed by a processor, cause said processor to perform the steps of :
 receiving from a PDA a data packet having a single header configured under a first format with the communication interface, where the data packet received includes a single data identification (ID) header and associated data;
 20 re-configuring the received data packet under a second format with the communication interface to produce a data packet that includes a multiple headers; and
 transmitting the re-configured data packet to a destination device.

As can be seen, Claim 1 is now limited to data packets having “a single header
 25 configured under a first format with the communication interface, where the data packet received includes a single data identification (ID) header and associated data”. The claims is further limited to the reconfiguration of “... the received data packet under a second format with the communication interface to produce a data packet that includes a multiple headers”.

Again, these limitations are not disclosed or suggested in Rajan. Therefore, the newly
 30 amended claims are not anticipated by Rajan. Accordingly, Applicant respectfully requests that the rejection be withdrawn.

Claims 9, 19 and 24 stand rejected under 35 USC 103(a) over Rajan in view of U.S. Patent No. 6,681,252 of Schuster et al. (Schuster). Again, the claims, including Claims 9, 19 and 24, as well as all related claims, have been amended to include the inventive concept of
 35 converting between the multiple header format and the single header format. This functionality

allows for communication with the PDA without the cumbersome headers required by modern protocols, such as the TCP/IP/PPP protocols. Neither Rajan nor Schuster, either considered together or separately, disclose or suggest the limitations of the amended claims. Furthermore, the limitations are not obvious in light of either reference, again, either considered along or
5 together.


New claims 28-30 have been added. These claims find support in the specification as filed in the same manner as the originally filed claims. No new matter has been added. These new claims are provided for clarity and include the inventive concept of converting between the multiple header format and the single header format.

10 Applicants submit that all of the claims as amended are in condition for allowance, which action is now respectfully requested. If the Examiner finds that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

The Commissioner is hereby authorized to charge any additional fees due or credit any
15 overpayment to Deposit Account No. 50-2421.

Sincerely,

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